



DON IT Asset Management Overview

June 2005

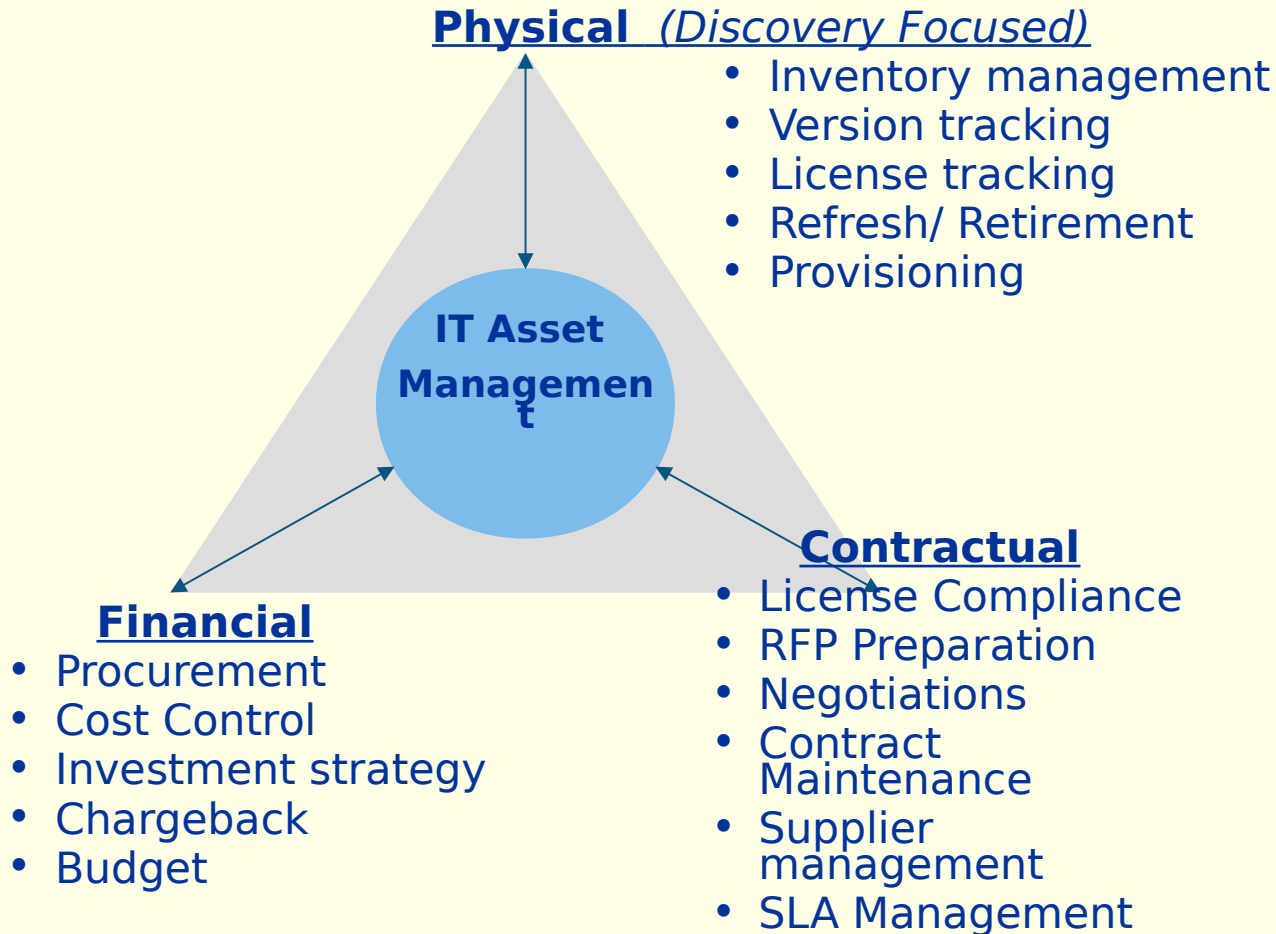


What is IT Asset Management?

IT Asset management covers the processes, policies, people and technology required to effectively utilize the organizations tangible assets throughout the assets lifecycle.

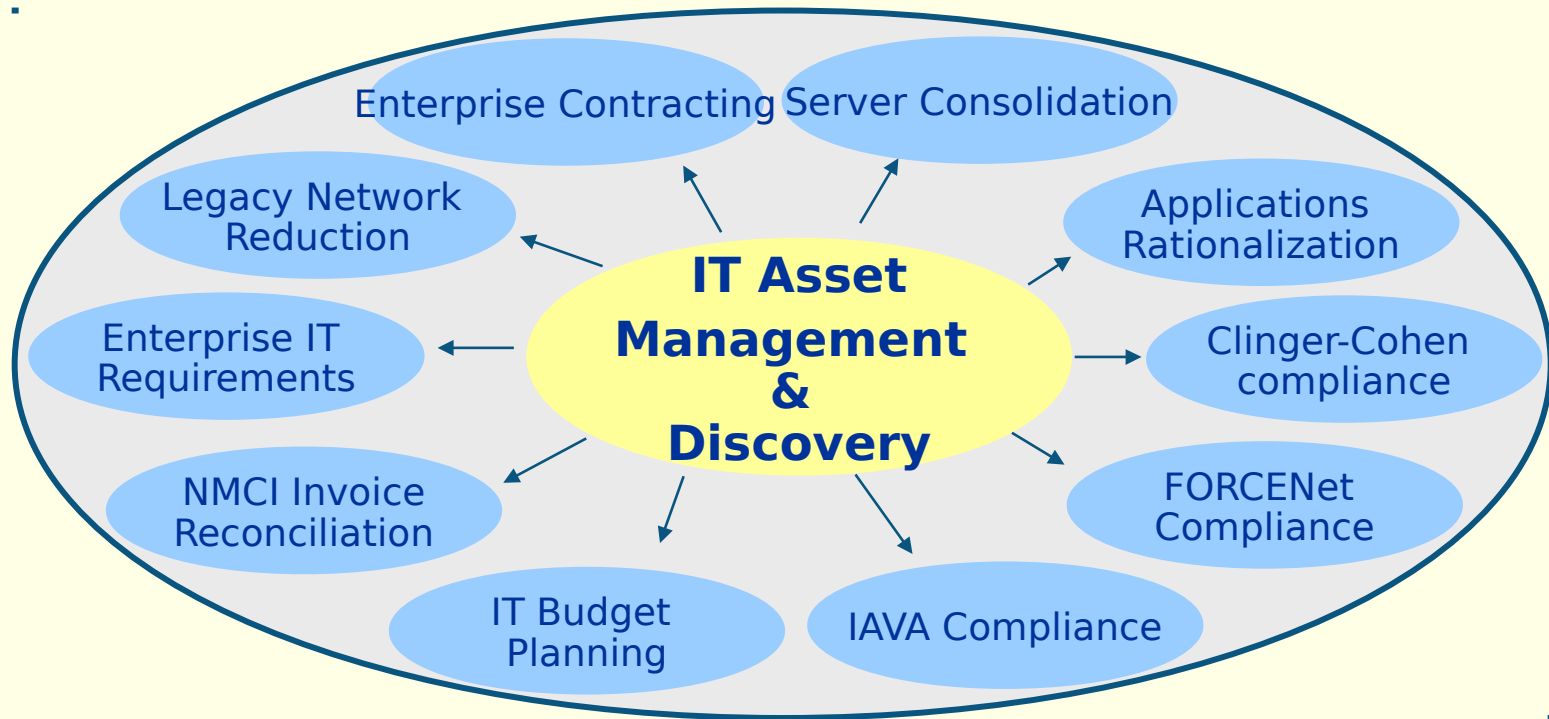
IT Asset Management

Three Components of IT Asset Management



Enterprise IT Initiatives

Enterprise IT Asset Management supports multiple transformation initiatives





Why is IT Asset Management Important?

Effective IT Asset Management allows organizations like the Department of the Navy to answer questions about the use of their IT assets like:

Vendor Management	“Are we in compliance with the license agreements?” “Where do I obtain the information necessary for leverage in negotiations?”
Financial Management	“Can our actual inventory be reconciled with fixed assets?” “When will we need to refresh the asset base?” “Are existing investments creating the promised ROI?”
Technology Oversight	“Which organizations are running non-standard versions?” “How complex is our environment?”
Operations Management	“What is my exposure to issues on product X?” “If Vendor X de-supports version Y, which applications are affected?”
Audit and Compliance	“Are our applications compliant with external regulations?” “Is our outsourcer performing work in compliance with the SLA?” “How can we verify internal chargeback metrics?”



What is the Navy's approach to IT Asset Discovery?

The Department of the Navy has selected BDNA Corporation to provide IT Asset Discovery services.

BDNA enables IT Asset Management and oversight by generating near real time business intelligence of the Navy's IT infrastructure

The BDNA Process



Discover

- Gather baseline asset information
- Non-intrusive, rapid and repeatable



Execute

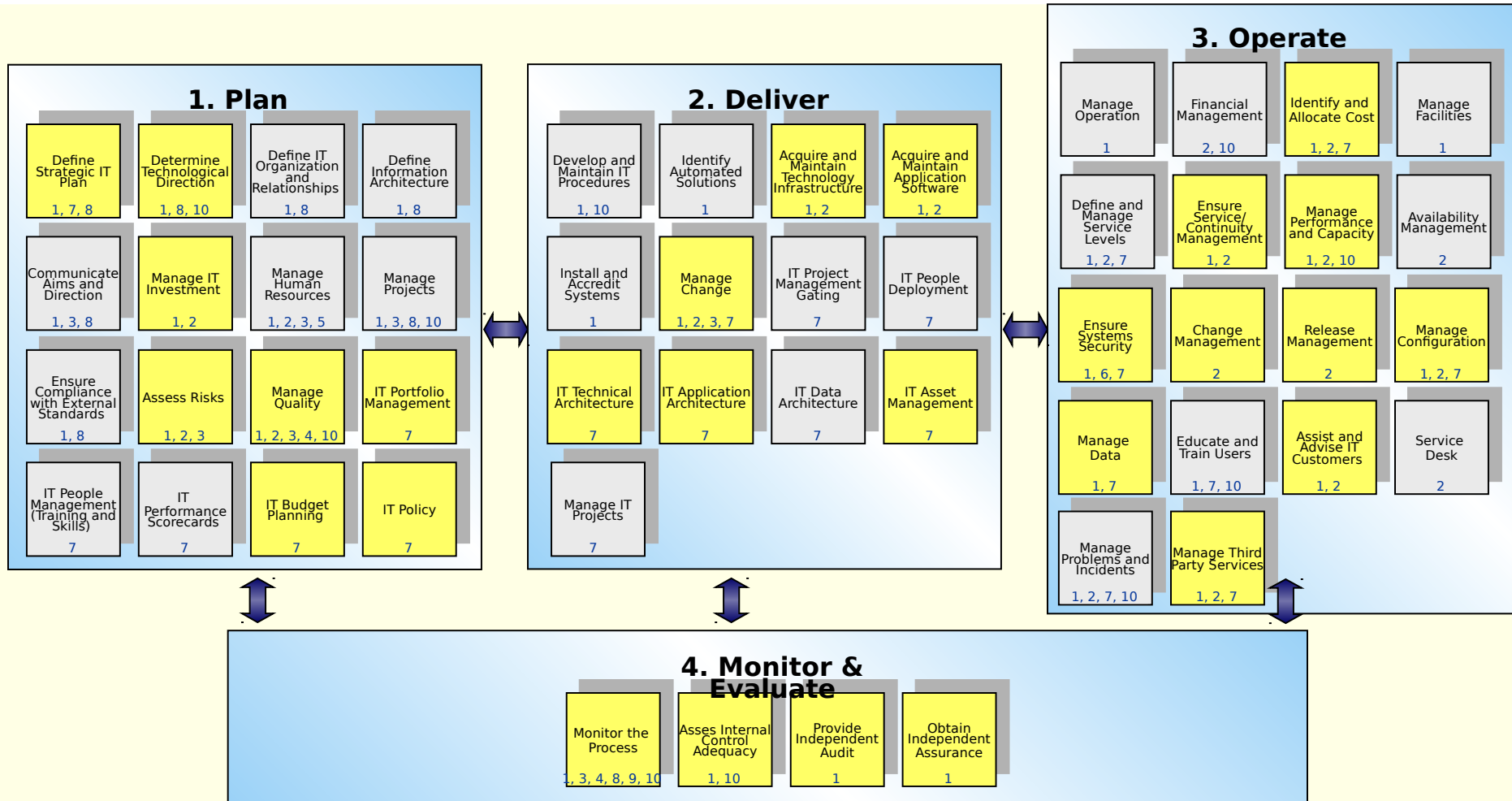
- Mobilize teams to extract value
- Achieve hard/soft savings

Analyze



- Transform data into actionable information
- Create diverse functional views

Supports "Best Practices" Management of IT



1. CobiT

2. Information Technology Infrastructure Library (ITIL)

3. Project Management Institute (PMI)

4. ISO 9001 Quality management

5. Investors In People (IIP)

6. ISO 17799 Information Security

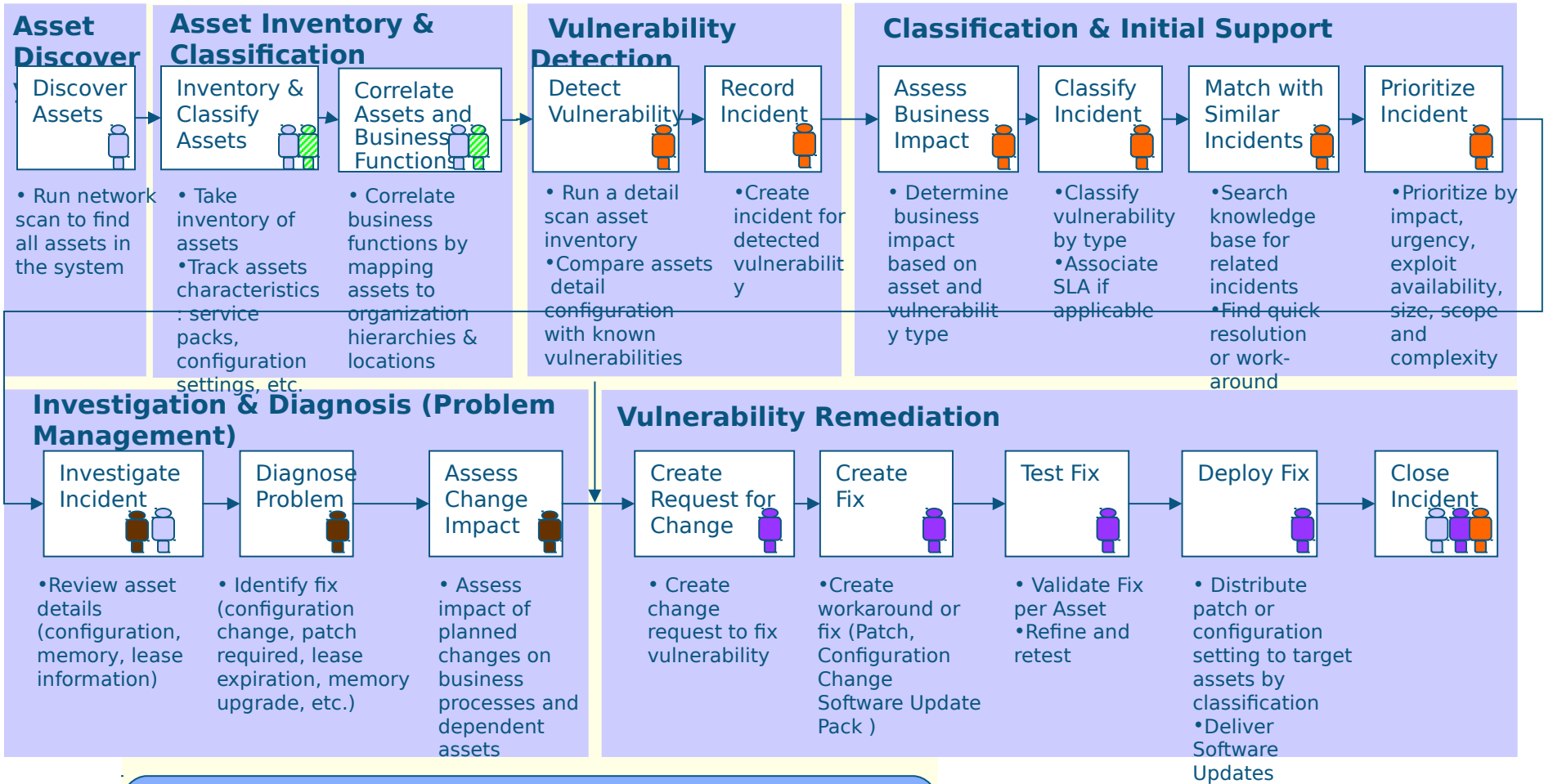
7. Gartner's 21 Best Practices

8. European Framework for Quality Management

9. Six Sigma

10. CMM

Establishment of IT Management Process



Roles Legend



Asset Discovery to Vulnerability Remediation



What is the Scope of the Services?

- **Discovery services will be provided from October 2004 to December 2005**
 - Firm Fixed Price to BDNA Corporation, with option to purchase.
 - Scope of Discovery:
 - All naval networks – non-tactical, unclassified networks
 - NMCI / Legacy Networks
 - CONUS, Hawaii & Alaska
- Provided GFE (Site, Oracle licenses, network access)
- Established working team including: PEO-IT, DONCIO, ACNO-IT, NMCI, NETWARCOM, USMC
- Located servers at both Navy / Marine Corps facilities
- Obtained Initial Authority to Operate for NMCI and Legacy networks
- Received mid-year funding for continuation of service contract



Discovery Metrics

Activity to Date (01-JUNE-05)	
BDNA Installation Locations (2)	Dahlgren, VA; Quantico, VA
IP Addresses Examined	> 18,200,000
Assets Discovered	256,140
Actual Discovery Time	75 hours
Average Network Utilization During Scans	1-3%
CONUS NMCI Coverage - Navy	100%
CONUS NMCI Coverage - USMC	100%
CONUS Legacy Network Coverage - Navy	7%
CONUS Legacy Network Coverage - USMC	100%



IT Asset Discovery Enables IT Governance

- **Provides Common Operating Picture**
 - Supports ACNO-IT governance implementation
 - Monitor security compliance
 - Supports technical standards and EA development
- **Provides Operational Intelligence**
 - Enables Enterprise Licensing
 - Validates FAM / EII discovery of applications
 - Provides for IT cost / budget analysis
- **Provides Target Discrimination**
 - Supports Enterprise IT Execution Plan development
 - Provides necessary input for BCA / ROI calculation
 - Informs and enforces legacy reduction efforts



Project References

~~IT Asset Discovery is in direct support of the~~
**DON IT Asset Management and ACNO-IT
Network and Server registration for all Navy
Networks and Servers.**

References:

- a. **Doc/UNSECNAV/Subj: Reducing The Number Of Department Of The Navy Legacy Application/16 March 2005**
- b. **Doc/CNO DNS/Subj: Reducing The Number Of Department Of The Navy Legacy Applications And Networks/12 April 2005**
- c. **Doc/ Network And Server Registration Concept Of Operations (CONOPS) And Business Rules/11 May 2005**
- d. **Msg/NETWARCOM/252207z Jan 05 Subj: Navy Implementation Guidance For DON IT Asset Discovery**

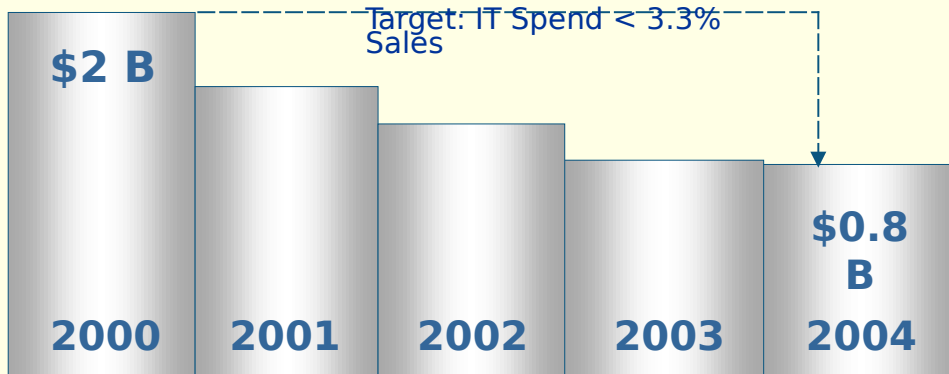


Lessons Learned

- **Network visibility and access simplifies everything**
- **Empirical data support culture change - transparency of information**
- **Leadership required to overcome local reluctance to provide access to IT Asset data**

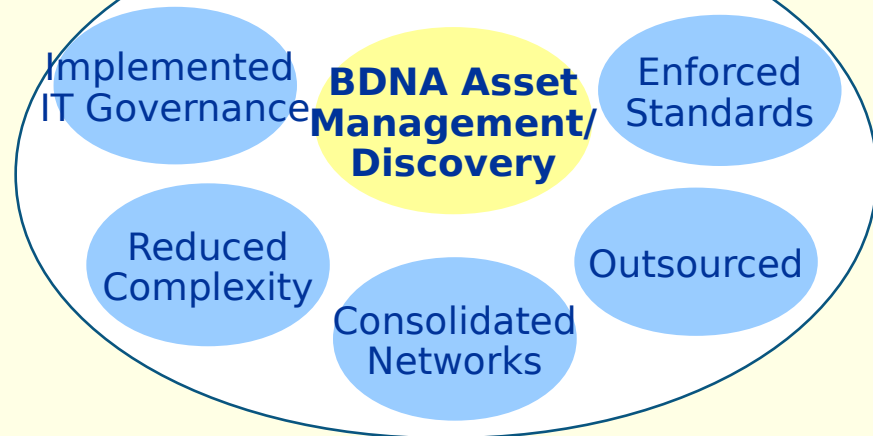
The Motorola Story

What Motorola Did: Reduced IT Spending



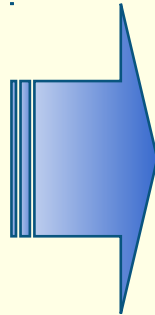
Source: Motorola CFO for IT, briefing to N8B, 3/1/05

How Motorola Did It:



From 2001

- 100+ IT organizations
- 176+ computer centers
- Every flavor of desktops/laptops
- Multiple networks
- 55+ random help desks
- 63 Oracle instances
- 4,000+ IT contracts
- No standards

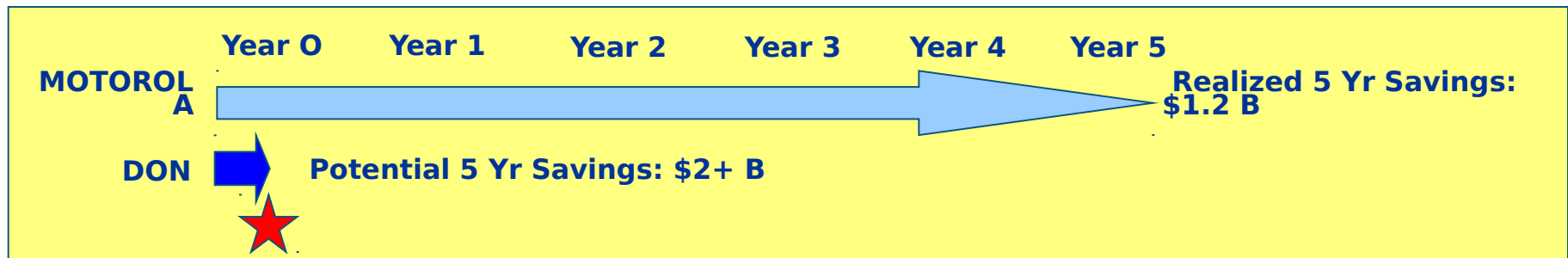


To 2004

- Global business IT organization
- 11 computer centers
- Leveraged standard desktops/laptops
- One network
- 20-30 specialized help desks
- 29 Oracle instances
- 1,000 IT contracts
- 97 enterprise standards

Next Steps

- Complete Scanning of OCONUS Legacy Networks
- Define Enterprise Metrics
- Obtain ATO, expanding scope to include OCONUS assets
- Evolve DON enterprise IT governance processes to support cohesive strategy vs. addressing what's hot



We Are Here



Further information

IT Asset Discovery Website:

<http://www.peo-it.navy.mil/ITAssetDiscovery>

Department of Navy Point of Contact:

***CAPT Chris Christopher, at (703)602-7253,
chris.christopher@navy.mil***